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February 3, 2006

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Commissioner for Patents
PO Box 1450
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Mail Stop Issue Fee

Re: Allowed U.S. Utility Patent Application
Appl. No. 09/550,642; Filed: April 14, 2000
For: **Method and System for Down-Converting an Electromagnetic Signal,
and Transforms for Same**
Inventors: **SORRELLS et al.**
Our Ref: 1744.0920001

Sir:

In response to the **Notice of Allowance and Fee(s) Due** dated November 3, 2005, the following documents are forwarded for appropriate action by the U.S. Patent and Trademark Office:

1. Issue Fee Transmittal (Form PTOL-85B);
2. Credit Card Payment Form (PTO-2038) for \$1403.00 to cover the \$1,400.00 Issue Fee; and the \$3.00 Advance copies of patent; and
3. Submission of Drawings; and
4. Two Hundred Eighty-Four (284) sheets of Replacement drawings, approval of which is respectfully requested; and
5. ONE (1) Return postcard.

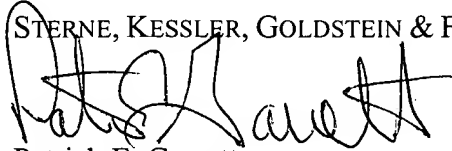
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

Commissioner for Patents
February 3, 2006
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The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "Patrick E. Garrett", is written over the firm name.

Patrick E. Garrett
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Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SORRELLS *et al.*

Appl. No.: 09/550,642

Filed: April 14, 2000

For: **Method and System for Down-
Converting an Electromagnetic
Signal, and Transforms for Same**

Confirmation No.: 9236

Art Unit: 2634

Examiner: Curtis B. Odom

Atty. Docket: 1744.0920001

Submission of Drawings

Mail Stop Issue Fee

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are two hundred eighty-four sheets (284) of Replacement drawings with Figure(s) 1-4, 5A, 5B, 5C, 6A, 6B, 6C, 7A, 7B, 7C, 8A, 8B, 8C, 9A, 9B, 9C, 10A, 10B, 10C, 11, 12A, 12B, 12C, 12D, 13, 14A, 14B, 14C, 14D, 15A, 15B, 15C, 15D, 15E, 16-17, 18A, 18B, 18C, 18D, 18E, 19A, 19B, 19C, 19D, 19E, 20A, 20B, 20C, 20D, 20E, 21A, 21B, 21C, 21D, 21E, 22A, 22B, 22C, 22D, 22E, 23A, 23B, 23C, 23D, 23E, 24A, 24B, 24C, 25A, 25B, 25C, 25D, 25E, 25F, 25G, 25H, 26A, 26B, 27, 28A, 28B, 28C, 28D, 29A, 29B, 29C, 29D, 29E, 29F, 29G, 29H, 29I, 29J, 29K, 29L, 30, 31A, 31B, 31C, 32A, 32B, 32C, 33A, 33B, 33C, 33D, 34A, 34B, 34C, 34D, 34E, 34F, 35A, 35B, 35C, 35D, 35E, 36A, 36B, 36C, 36D, 36E, 37A, 37B, 37C, 37D, 37E, 38A, 38B, 38C, 38D, 38E, 39A, 39B, 39C, 39D, 40A, 40B, 40C, 40D, 40E, 41A, 41B, 41C, 41D, 41E, 42, 43, 44A, 44B, 44C, 44D, 44E, 45A, 45B, 46A, 46B, 46C, 46D, 47A, 47B, 47C, 47D, 47E, 48, 49A, 49B, 49C, 49D, 49E, 49F, 49G, 49H, 50A, 50B, 50C, 50D, 50E, 50F, 50G, 51A, 51B, 51C, 51D, 51E, 51F, 51G, 52A, 52B, 52C, 52D, 52E, 52F, 52G, 53A, 53B, 53C, 53D, 53E, 53F, 53G, 54A, 54B, 54D, 54C, 54E, 54F, 54G, 55A, 55B, 55D, 55C, 55E, 55F, 55G, 56A, 56B, 56C, 56D, 57A, 57B, 57C, 57D, 57E, 57F, 58A, 58B, 58C, 58D, 58E, 58F, 59A, 59B, 59C, 59D, 59E, 59F, 60A, 60B, 60C, 60D, 60E, 60F, 61A, 61B, 61C, 61D, 61E, 61F, 62A, 62B, 62C, 62D, 62E, 62F, 63, 64A, 64B, 65,

66A, 66B, 66C, 66D, 67A, 67B, 67C, 68A, 68B, 68C, 68D, 68E, 68F, 68G, 68H, 68I, 68J, 68K, 68L, 69, 70, 71A, 71B, 71C, 72-74, 75A, 75B, 75C, 75D, 75E, 75F, 76A, 76B, 76C, 76D, 76E, 77A, 77B, 77C, 78A, 78B, 79A, 79B, 79C, 79D, 79E, 79F, 80A, 80B, 80C, 80D, 80E, 80F, 81A, 81B, 81C, 81D, 81E, 81F, 82A, 82B, 83A, 83B, 83C, 83D, 83E, 83F, 84A, 84B, 84C, 84D, 85A, 85B, 85C, 86-93, 94A, 94B, 94C, 95-97, 98A, 98B, 98C, 98D, 98E, 98F, 99-106, 107A, 107B, 108A, 108B, 109A, 109B, 109C, 109D, 109E, 109F, 110A, 110B, 111A, 111B, 111C, 112, 113A, 113B, 113C, 113D, 113E, 114-123, 124A, 124B, 124C, 124D, 124E, 124F, 124G, 124H, 124I, 124J, 125, 126A, 126B, 126C, 126D, 126E, 126F, 126G, 126H, 126I, 126J, 126K, 126L, 126M, 126N, 126O, 126P, 126Q, 127A, 127B, 127C, 127D, 127E, 127F, 127G, 127H, 127I, 127J, 127K, 127L, 127M, 127N, 127O, 127P, 127Q, 128A, 128B, 128C, 129A, 129B, 129C, 129D, 129E, 129F, 129G, 129H, 129I, 129J, 129K, 129L, 129M, 129N, 129O, 129P, 129Q, 130-131, 132A, 132B, 132C, 132D, 133-135, 136A, 136B, 136C, 136D, 136E, 136F, 137-163, 164A, 164B, 164C, 165-174, 175A, 175B, 175C, 175D, 176, 177A, 177B, 177C, 177D, 177E, 177F, 178A, 178B, 179-217, 218A, 218B, 218C, 218D, 218E, 218F, 218G, 219-285, corresponding to the above-captioned application. Identification of the drawing(s) is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these drawing(s) into this application is respectfully requested.



It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Patrick E. Garrett
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Date: 2/3/06

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